LaserJet Enterprise 600 M603 series

M603n • M603dn • M603xh

Tackle large-volume print jobs with ease, and enable printing policies with top-flight expandability. Improve security and quickly adapt to changes within your managed printing environment with a host of manageability features.

Keep your workflow moving with fast output and precision paper handling

- Print at rapid speeds on a variety of paper types
- Manage workflow with intuitive features right on the printer, and get quick prints from a flash drive
- Produce high print volumes with low maintenance.
- Replace toner cartridges easily, and enjoy quiet, clean performance

Take the lead in meeting companywide conservation goals, with energy-saving features from HP

- Cut energy use as much as 45%, compared to a majority of competing laser printers,[8] with this Energy Star qualified printer
- Get centralized access to custom energy-saving options and printer settings with the HP EcoSMART Console[2]
- Trim paper use by up to 50% with automatic two-sided printing[1]
- Pre-installed Original HP toner cartridges reduce waste. Recycle them for free through HP Planet Partners[3]

Lead your business to a more responsible approach to printing and handling sensitive data

- Protect confidential data stored on your printer, with the installed HP High-Performance Secure Hard Disk[4]
- Expand your network without compromising security
- Take control of printing practices and enforce security policies, using HP Access Control[7]
- Control costs, manage IT resources, and reduce environmental impact

Extend your print capabilities to keep pace with your growing business

- Easily update, manage, and expand the capabilities of networked printers, and do more with your investment
- Make printing as mobile as you are with HP ePrint[5]
- Extend your investment by adding functionality using the hardware integration pocket[6]

ecoHIGHLIGHTS

HP LaserJet Enterprise 600 Color M603 Series

ECO INFORMATION

- Save energy—HP Auto-On/Auto-Off Technology turns your printer On when you need it, Off when you don't.[1]
- Save paper by up to 50% using automatic two-sided printing.
- Free, convenient cartridge recycling in 54 countries.

ENERGY STAR® Qualified Product

[1]HP Auto-On and Auto-Off capabilities subject to printer and settings.

www.hp.com/ecosolutions

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.

[1]Automatic two-sided printing is only available on the HP LaserJet Enterprise 600 M603dn Printer and the HP LaserJet Enterprise 600 M603xh Printer. The Automatic Two-sided Printing Accessory may be purchased separately for the HP LaserJet Enterprise 600 M603n Printer. Additional 1 x 500-sheet paper tray available only on the HP LaserJet Enterprise 600 M603xh Printer. [2]Expected availability late 2011. May require a firmware upgrade. [3]Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit http://www.hp.com/recycle. [4]The HP High-Performance Secure Hard Disk is only available on the HP LaserJet Enterprise 600 M603xh Printer. Only available through upgrade on the HP LaserJet Enterprise 600 M603n Printer and the HP LaserJet Enterprise 600 M603dn Printer. [5]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see http://www.hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade. [6]Solutions deployed through the hardware integration pocket may require additional purchase. [7]HP Access Control must be purchased separately. [8]Energy data used to calculate savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <$2,299 as of March 2011 using data reported in energystar.gov and eu_energystar.org as of July 2011. Data extended to one year. Actual results may vary.

HP LaserJet Enterprise 600 M603 series

1 Intuitive 4-line color display with 10-button keypad

2 Hardware Integration Pocket for solution integration

3 Walkup USB port

4 Built-in automatic two-sided printing

5 Convenient front on/off switch

6 500-sheet output bin

7 One-door access to install regular or high-capacity toner cartridges

8 100-sheet multipurpose tray 1 handles heavy custom media up to 53 lb bond

9 Two 500-sheet input trays for a 1,100-sheet total input capacity

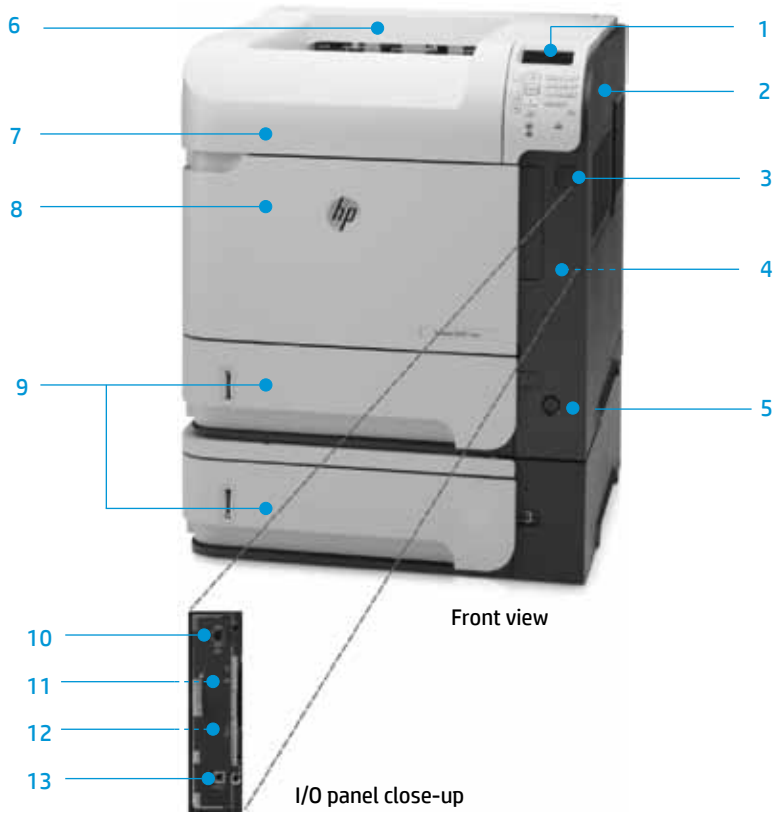
10 HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server

11 HP High Performance Secure Hard Disk

12 512 MB total memory and an 800 MHz processor quickly handle complex print jobs

13 Hi-Speed USB 2.0 port

HP LaserJet Enterprise 600 M603xh model shown



Series at a glance

	M603n printer	M603dn printer	M603xh printer
Part number	CE994A	CE995A	CE996A
Print speeds	Up to 62 ppm letter	Up to 62 ppm letter	Up to 62 ppm letter
Control panel	4-line color display, 10 key pad	4-line color display, 10 key pad	4-line color display, 10 key pad
Hardware integration pocket	√	√	√
100-sheet multipurpose tray 1	√	√	√
500-sheet tray 2	√	√	√
500-sheet tray 3	Optional	Optional	√
500-sheet output bin	√	√	√
Automatic two-sided printing unit	Optional	√	√
Toner cartridges supported	Regular (~ 10,000 pages) and high-capacity (~ 24,000 pages)[1]	Regular and high-capacity	Regular and high-capacity
HP high performance secure hard disk	Not available	Not available	√

[1]Declared yield value for black cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit www.hp.com/go/learnaboutsupplies.

Top features

The HP LaserJet Enterprise 600 M603 Printer series is HP's ultimate high-use workgroup printer, delivering advances in productivity, manageability, and security. The printer's top features are highlighted below. For a more in-depth look at these features and their benefits, see the pages that follow.

Heavy-duty reliability and breakthrough speeds

Boost productivity with print speeds up to 62 ppm.[1, 2] Produce documents on a variety of media, including letterhead, envelopes, labels, cardstock, and transparencies.

Monitor jobs and settings, using the 4-line color control panel. A 10-key pad lets users enter a personal identification number (PIN) to retrieve documents, adding security.[2] Use the front facing, walk-up USB port to print from flash drives.

Up to two 500-sheet paper trays and automatic two-sided printing means less paper lying around and fewer trips to reload.[2] Plus, a 100-sheet multipurpose tray adds versatility. Increase capacity to up to 3,600 sheets with optional media accessories.

One-door access makes it easy to replace Original HP LaserJet all-in-one toner cartridges. The updated design delivers clean, quiet performance for distraction-free printing.

Outstanding energy and paper savings

Cut energy use as much as 45%, compared to a majority of competing laser printers.[13] Reduce energy use even more with HP Auto-On/Auto-Off Technology, which turns the printer on or off in response to changes in network activity.

Shrink your carbon footprint—track usage data in real time and apply custom energy-saving options, using the HP EcoSMART Console.[3] An embedded web server helps you control device settings to cut costs, reduce impact, and set policies on all managed printers.

Automatic two-sided printing saves up to 50% on paper and helps reduce office clutter.[2] Pre-installed Original HP LaserJet toner cartridges help you get up and running right away, with less packaging waste. Recycling is easy and free through HP Planet Partners.[4]

Secure printing with minimal intervention

Build a more secure printing environment. The HP High Performance Secure Hard Disk installed on the M603xh model protects information stored for printing.[5]

Enhance security on all networked devices. The IPv6 protocol and IPsec security let you expand your network while keeping data safe. Require a PIN for secure retrieval.

Take control of printing practices and enforce security policies, using HP Access Control.[6]

Command your printing environment and slash costs, with HP Web Jetadmin. Use the HP Universal Print Driver to easily update the entire managed printing environment. And HP EcoSMART Fleet can help you make and manage environmental goals.[7]

Extensibility to meet your needs

Update, manage, and extend printer capabilities, using HP FutureSmart Firmware. Innovative extensibility simplifies the process of deploying customized HP and third-party workflow and document management solutions.

Print where business takes you. HP ePrint[8] offers solutions for printing within your secure company network[9] or printing to public locations like airports and hotels.[10]

Enhance functionality with a range of HP and key partner solutions. Use the hardware integration pocket to house and integrate new solutions.[2, 11]

Get the most out of your printer with HP accessories, supplies, and services.

500-sheet Paper Tray

Keep your workflow moving with fast output and precision paper handling. High-capacity paper trays, plus options to add more, give capacity of up to 3,600 sheets

CE998A

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

Optimized Care (optimum performance and stability):
4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime)
Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support)
Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit www.hp.com/go/printservices

Printer	
HP LaserJet Enterprise 600 M603n	CE994A
HP LaserJet Enterprise 600 M603dn	CE995A
HP LaserJet Enterprise 600 M603xh	CE996A
HP LaserJet Print Cartridges[12]	
HP 90A Black LaserJet Toner Cartridge (~ 10,000 pages)	CE390A
HP 90X Black LaserJet Toner Cartridge (~ 24,000 pages)	CE390X
Accessories	
HP LaserJet 500-sheet Input Tray Feeder	CE998A
HP LaserJet 1500-sheet High-capacity Input Tray	CE398A
HP LaserJet Custom Media Cassette	CB527A
HP LaserJet Automatic Duplexer for Two-sided Printing Accessory	CF062A
HP LaserJet Printer Stand	CB525A
HP LaserJet 500-sheet 5-bin Mailbox	CE997A
HP LaserJet 75-sheet Envelope Feeder	CE399A
HP LaserJet 500-sheet Stacker	CE404A
HP LaserJet 500-sheet Stapler/Stacker	CE405A
HP LaserJet 1000 Staple Cartridge Pack	Q3216A
HP 512 MB 144-pin x32 DDR2 DIMM	CE483A
HP LaserJet Printer 110V Maintenance Kit	CF064A
HP LaserJet Printer 220V Maintenance Kit	CF065A
HP Hi-Speed USB Cable (6 ft./1.8 m)	Q6264A
HP USB Cable 2.0 (a-b) 3 meter	C6520A
HP Jetdirect ew2500 802.11b/g Wireless Print Server	J8021A
HP Care Pack Services	
HP 3-year Next Business Day + DMR LaserJet M603 HW Support	HY749E
HP 4-year Next Business Day + DMR LaserJet M603 HW Support	HZ617E
HP 5-year Next Business Day + DMR LaserJet M603 HW Support	HZ618E
HP 1-year Post Warranty Next Business Day + DMR LaserJet M603 Support	HS403PE
HP 2-year Post Warranty Next Business Day LaserJet M603 Hardware Support	HS404PE
HP Network Install Mono-mid LaserJet SVC	UC742E
Connectivity	
HP Jetdirect 2700w USB Wireless Print Server (available early 2012)	J8026A

Paper: www.hp.com/go/paper

Software
HP Web Jetadmin: www.hp.com/go/wja
HP Easy Printer Care: www.hp.com/go/easyprintercare
HP Universal Print Driver: www.hp.com/go/upd
HP Install Network Printer Wizard: www.hp.com/go/inpw_sw

[1]Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2]Standard and optional features vary by product and model. Please see "Series at a glance" on pages 2 for more information. [3]Expected availability late 2011. May require a firmware upgrade. Some solutions may not be available at product introduction. [4]Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit www.hp.com/recycle. [5]The HP High Performance Secure Hard Disk is only available on the HP LaserJet Enterprise 600 M603xh Printer. Only available through upgrade on the HP LaserJet Enterprise 600 M603n Printer and the HP LaserJet Enterprise 600 M603dn Printer. [6]HP Access Control is available with a separate purchase. [7]HP EcoSMART Fleet is available by separate purchase only. [8]Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see www.hp.com/go/eprintcenter. Some HP LaserJet products will require a firmware upgrade. [9]HP ePrint Enterprise requires an optional wireless accessory card: Internet- and email-capable BlackBerry® smartphone OS 4.5 or newer; iPhone® 3G or newer, running iOS 4.2 or later; HP webOS devices running webOS 1.45 or 2.0; or Android™ device running version 1.4 or newer, with separately purchased wireless Internet service, HP ePrint Enterprise server software and HP ePrint services app. Solution works with PCL5/6, PCL3, PCL3GUI printers (HP and non-HP). BlackBerry requires BlackBerry Enterprise Server (BES) deployment. HP webOS app available October 2011. [10]Usage of HP ePrint at mobile print locations requires Internet- and email-capable smartphone with separately purchased wireless Internet service, and the HP ePrint services app. Availability and cost of printing varies by mobile print location. Visit www.hp.com/go/eprintmobile to view the list of applicable smartphones and operating systems. HP webOS app available October 2011. [11]Solutions deployed through the hardware integration pocket may require additional purchase. [12]Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see www.hp.com/go/learnaboutsupplies. [13]Energy data used to calculate savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method vs. a majority of worldwide top-selling competitive models <$2,299 as of March 2011 using data reported in energystar.gov and eu_energystar.org as of July 2011. Data extended to one year. Actual results may vary.

HP LaserJet Enterprise 600 M603 series

Technical specifications	HP LaserJet Enterprise 600 M603n (CE994A)	HP LaserJet Enterprise 600 M603dn (CE995A)	HP LaserJet Enterprise 600 M603xh (CE996A)
Print speed[1]	Black: Up to 62 ppm letter (up to 60 ppm A4)		
First page out[2]	Black (A4, ready): As fast as 8.5 sec		
HP ePrint capability	Yes		
Printer management	HP Web Jetadmin; HP SureSupply; HP Utility (Mac)		
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): HP FastRes 1200 (1200 dpi effective quality), 600 dpi with HP Resolution Enhancement technology		
Print technology	Laser		
Control panel	2.29 x 5.33 cm 4-line color LCD display, 3 LED lights (Attention, Data, Ready), buttons (Information, Stop/Cancel, Return, Home, Folder, Left Arrow), 10 numeric keys		
Processor	Type: ARM Cortex-A8 superscalar processor; Speed: 800 MHz		
Memory	Standard: 512 MB; Maximum: 1 GB		
Display	4-line LCD (color text and graphics)		
Durability ratings	Duty cycle[3]: Up to 275,000 pages (A4/letter); Recommended monthly page volume[4]: Up to 5,000 to 20,000 pages		
Paper			
Input	Standard: Up to 600 sheets; Maximum: Up to 3,600 sheets	Standard: Up to 1,100 sheets; Maximum: Up to 3,600 sheets	
Output	Standard: Up to 600 sheets (500 in the face down bin, 100 in rear face up door); Maximum: Up to 1,100 sheets (Rear face-up door: up to 100 sheets; Top output bin: up to 500 sheets; 5-bin mailbox: up to 500 sheets)		
Duplex print options	Manual (driver support provided)	Automatic (standard)	
Media types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough, light), envelopes, labels, cardstock, transparencies, shelf edge labels, user-defined		
Media sizes	Multipurpose tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional 500-sheet input tray: 5.83 x 8.27 to 8.5 x 14 in; Optional Custom media cassette: 4.02 x 5.83 to 6.69 x 11.10 in		
Media weight	Multipurpose tray 1: 16 to 53 lb; Tray 2, optional 500-sheet input tray, optional Custom media cassette, optional 1500-sheet High-capacity input tray: 16 to 32 lb; Optional Envelope feeder: 20 to 28 lb; Optional Duplexer: 16 to 32 lb		
Interfaces	1 Hi-Speed USB 2.0; 1 Gigabit Ethernet; 2 External Host USB (1 walk-up and 1 external accessible); 2 internal Host USB 2.0-like ports (for 3rd party connection); 1 Hi-Speed USB 2.0 HIP (for 3rd party connection)		
Languages	HP PCL 6; HP PCL 5e (HP PCL 5e driver available from the Web only); HP postscript level 3 emulation; native PDF printing (v 1.4)		
Network capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet embedded print server (standard); 802.3az (EEE); IPsec (standard), 802.11b/g/n wireless networking (optional)		
Fonts	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts		
Network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint		
Security	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		
Dimensions (w x d x h)	16.3 x 16.9 x 15.7 in (415 x 428 x 398 mm)	16.3 x 20 x 15.7 in (415 x 508 x 398 mm)	16.3 x 20 x 20.2 in (415 x 508 x 513 mm)
Weight (with print cartridges)	52.1 lb (23.7 kg)	57.8 lb (26.3 kg)	72.1 lb (32.8 kg)
System requirements, Windows	PC: Microsoft® Windows® 7, Windows Vista®, Windows XP® (SP2 or higher), Windows® Server 2003 (SP1 or higher), Windows® Server 2008, Windows® Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see http://www.microsoft.com Mac: Mac OS X v10.5, 10.6; 150 MB available hard disk space; operating system compatible hardware system requirements, see: http://www.apple.com		
What's in the box	Printer; Right-angled power cord; Software and documentation on CD-ROM; HP Black LaserJet Toner cartridge (~ 10,000 pages); Getting Started Guide; Support flyer; HP ePrint flyer; Warranty Guide (where applicable) **M603dn:** Automatic duplexer for two-sided printing; **M603xh:** 500-sheet input tray		
Warranty	One-year, next business day, on-site limited warranty		

Environmental ranges

Temperature range	Operating: 15 to 32°C (59 to 89.6°F) Recommended: 15 to 32°C (59 to 89.6°F) Storage: -30 to 60°C (-22 to 140°C)
Humidity range	Operating: 10 to 80% RH Recommended: 10 to 80% RH Non-operating: 10 to 90% RH

Acoustic[5]

Sound power emissions	Active, Print: 7.1 B(A), Idle/Ready: 4.3 B(A)
Sound pressure (bystander position)	Active, Print: 57 dB(A), Idle/Ready: 30 dB(A)

Power

Power Supply Type	Internal (Built-in) power supply
Power Supply required	Input voltage: 100 to 127 VAC (±10%), 50/60 Hz (± 3 Hz); 220 to 240 VAC (± 10%), 50/60 Hz (± 3 Hz)
Power Consumption[6]	920 watts (Printing), 21 watts (Ready), 5.5 watts (Sleep), 1.0 watt (Auto-Off), 0.3 watts (Manual-Off)
Typical Electricity Consumption (TEC)	4.368 kWh/Week

Safety approvals and requirements

IIEC 60950-1 (International); EN 60950-1 +A11 (EU); IEC 60825-1; UL/cUL Listed (US/Canada); GS License (Europe); EN 60825-1 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries

Electromagnetic emission standard

CISPR 22: 2005 EN 55022: 2006 +A1 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 2008, EN 55024: 1998 +A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-2008, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

[1]Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2]First page out time is measured from Tray 2. Exact speed varies depending on the system configuration, software application, driver and document complexity. [3]Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. [4]HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [5]Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see http://www.hp.com/support. Configuration tested: HP LaserJet Enterprise 600 M602dn printing duplex mono on A4 paper. [6]Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages; this will damage the printer and void the product warranty. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs.

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